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L1                STR
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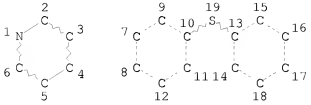

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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC   4  13  10
NUMBER OF NODES IS  19

STEREO ATTRIBUTES: NONE


=> d his l3

     (FILE 'REGISTRY' ENTERED AT 10:15:25 ON 16 SEP 2008)
L3          3396 S L1 FUL

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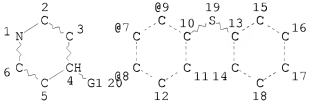

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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC   4  13  10
NUMBER OF NODES IS  20

STEREO ATTRIBUTES: NONE


=> d his l8

     (FILE 'REGISTRY' ENTERED AT 10:21:47 ON 16 SEP 2008)
L8           269 SEARCH L7 SSS  SUB=L3 FUL

=> d his l9

     (FILE 'CAPLUS' ENTERED AT 10:23:03 ON 16 SEP 2008)
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L9            10 S L8

     FILE 'REGISTRY' ENTERED AT 10:25:47 ON 16 SEP 2008

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                     0.46     332.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -3.20

FILE 'CAPLUS' ENTERED AT 10:26:19 ON 16 SEP 2008
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FILE COVERS 1907 - 16 Sep 2008 VOL 149 ISS 12
FILE LAST UPDATED: 15 Sep 2008 (20080915/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/legal/infopolicy.html

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=> d bib abs 1-10

L9   ANSWER 1 OF 10  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2007:1454990  CAPLUS
DN   148:61901
TI   Crystalline forms of 4-[2-(4-methylphenylsulfanyl)phenyl]piperidine with
     combined serotonin and norepinephrine reuptake inhibition for the
     treatment of neuropathic pain
IN   Bang-Andersen, Benny; Faldt, Andre; Stensboel, Tine Bryan; Miller, Silke;
     Lopez De Diego, Heidi
PA   H. Lundbeck A/S, Den.
SO   PCT Int. Appl., 71pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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PI   WO 2007144006       A1     20071221    WO 2007-DK50076        20070615
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
             CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI,
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GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

PRAI DK 2006-816 A 20060616
US 2006-805009P P 20060616
DK 2007-423 A 20070320

AB Crystalline forms of 4-[2-(4-methylphenylsulfanyl)phenyl]piperidine and salts thereof are provided e.g. for the treatment of neuropathic pain.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:857401 CAPLUS
DN 141:332062
TI Preparation of [(phenylsulfanyl)phenyl]piperidine derivatives as serotonin reuptake inhibitors
IN Pueschl, Ask; Jorgensen, Morten; Ruhland, Thomas; Bryan, Stensbol Tine; Bang-Andersen, Benny
PA H. Lundbeck A/S, Den.
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004087156	A1	20041014	WO 2004-DK244	20040402
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	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004226838	A1	20041014	AU 2004-226838	20040402
	CA 2521258	A1	20041014	CA 2004-2521258	20040402
	EP 1626720	A1	20060222	EP 2004-725291	20040402
	EP 1626720	B1	20080903		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	BR 2004008647	A	20060307	BR 2004-8647	20040402
	CN 1780622	A	20060531	CN 2004-80009174	20040402
	JP 2006522030	T	20060928	JP 2006-504349	20040402
	MX 2005PA09592	A	20051018	MX 2005-PA9592	20050908
	IN 2005CN02513	A	20070831	IN 2005-CN2513	20051004
	NO 2005005208	A	20051104	NO 2005-5208	20051104
	US 20060100242	A1	20060511	US 2005-551883	20051129
PRAI	DK 2003-520	A	20030404		
	US 2003-460528P	P	20030404		
	WO 2004-DK244	W	20040402		

OS MARPAT 141:332062
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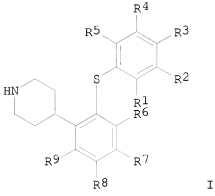

I

AB Title compds. represented by the formula I [wherein R1-R5 = independently H, halo, cyano, alkenyl, etc.; R6-R9 = independently H, halo, alkynyloxy, etc.; and pharmaceutically acceptable salts thereof] were prepared as serotonin reuptake inhibitors. For example, I (R3 = Cl, R8 = CF3, R1-R2, R4-R7, R9 = H) was given in a multi-step synthesis starting from the reaction of 1-tert-butoxycarbonyl-4-[2-(4-chlorophenylsulfanyl)-5-trifluoromethylphenyl]piperidin-4-ol with Me chlorooxalate. I showed inhibition of 5-HT2c receptor with IC50 below 200 nM. Thus, I and their pharmaceutical compns. are useful as serotonin reuptake inhibitors in the treatment of an affective disorder, including depression, anxiety disorders including general anxiety disorder and panic disorder and obsessive compulsive disorder (no data).
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:202756 CAPLUS
DN 142:134387
TI Product subclass 4: benzothiepins and selenium/tellurium analogues
AU Schwan, A. L.
CS Dept. of Chemistry and Biochem., University of Guelph, Guelph, ON, N1G 2W1, Can.
SO Science of Synthesis (2004), 17, 717-748
CODEN: SSCYJ9
PB Georg Thieme Verlag
DT Journal; General Review
LA English
AB A review. Methods for preparing benzothiepins and their selenium/tellurium analogs are reviewed including cyclization, ring transformation, aromatization, and substituent modification.
RE.CNT 119 THERE ARE 119 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:282552 CAPLUS
DN 138:304306
TI Preparation of phenylpiperazines as serotonin reuptake inhibitors
IN Ruhland, Thomas; Smith, Garrick Paul; Bang-Andersen, Benny; Pueschl, Ask;

Moltzen, Ejner Knud; Andersen, Kim
PA H. Lundbeck A/S, Den.
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PI	WO 2003029232	A1	20030410	WO 2002-DK659	20021002
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2462110	A1	20030410	CA 2002-2462110	20021002
	AU 2002333220	A1	20030414	AU 2002-333220	20021002
	AU 2002333220	A2	20030414		
	AU 2002333220	B2	20080207		
	EP 1436271	A1	20040714	EP 2002-800051	20021002
	EP 1436271	B1	20080220		
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	BR 2002012733	A	20041116	BR 2002-12733	20021002
	CN 1561336	A	20050105	CN 2002-819025	20021002
	JP 2005505585	T	20050224	JP 2003-532482	20021002
	JP 3896116	B2	20070322		
	HU 2004002313	A2	20050228	HU 2004-2313	20021002
	NZ 531556	A	20051223	NZ 2002-531556	20021002
	EP 1749818	A2	20070207	EP 2006-16609	20021002
	EP 1749818	A3	20080402		
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, SK, TR, AL, LT, LV, MK, RO, SI				
	AT 386730	T	20080315	AT 2002-800051	20021002
	ES 2298425	T3	20080516	ES 2002-800051	20021002
	ZA 2004001583	A	20050310	ZA 2004-1583	20040226
	MX 2004PA02959	A	20040705	MX 2004-PA2959	20040330
	KR 770194	B1	20071025	KR 2004-704897	20040402
	NO 2004001628	A	20040421	NO 2004-1628	20040421
	IN 2004CN00910	A	20060113	IN 2004-CN910	20040429
	US 20050014740	A1	20050120	US 2004-488280	20040615
	US 7144884	B2	20061205		
	HK 1072600	A1	20080125	HK 2005-105260	20050623
	US 20060084662	A1	20060420	US 2005-296835	20051206
	US 7138407	B2	20061121		
	US 20060089368	A1	20060427	US 2005-296836	20051206
	US 7148238	B2	20061212		
	AU 2006215994	A9	20061005	AU 2006-215994	20060914
	AU 2006215994	A2	20061005		
	AU 2006215994	A1	20061005		
	JP 2007031447	A	20070208	JP 2006-271762	20061003
	JP 3955614	B2	20070808		
	JP 2007051149	A	20070301	JP 2006-271758	20061003
	JP 3955613	B2	20070808		
	US 20070060574	A1	20070315	US 2006-551188	20061019
	KR 783346	B1	20071207	KR 2006-722562	20061027

	KR 2007103515	A	20071023	KR 2007-722025	20070927
	KR 842702	B1	20080701		
PRAI	DK 2001-1466	A	20011004		
	AU 2002-333220	A3	20021002		
	EP 2002-800051	A3	20021002		
	JP 2003-532482	A3	20021002		
	WO 2002-DK659	W	20021002		
	KR 2004-704897	A3	20040402		
	US 2004-488280	A3	20040615		
	KR 2006-722562	A3	20061027		

OS MARPAT 138:304306

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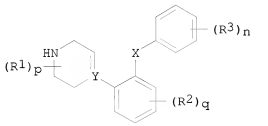

I

AB Title compds. [I; Y = N, C, CH; X = O, S; m = 1, 2; p = 0-8; q = 0-4; n = 0-5; dotted line = optional double bond; R1 = alkyl; 2 R1 = atoms to form a 3-6 membered spiro ring; R2 = halo, cyano, NO2, alkyl, alkenyl, alkynyl, alkoxy, alkylthio, OH, hydroxyalkyl, acyl, amino, etc.; R3 = halo, cyano, NO2, alkyl, alkenyl, alkynyl, alkoxy, OH, hydroxyalkyl, haloalkyl, haloalkoxy, cycloalkyl, aryl, acyl, amino, aminocarbonyl, etc.], were prepared for treatment of depression, anxiety, and obsessive compulsive disorder (no data). Thus, 2-trifluoromethylthiophenol was stirred with NaH in THF/DMF; 4-[4-[η6-(2-chlorophenyl)-η5-cyclopentadienyliron(II)piperazin-1-yl]carbonyloxymethyl]phenoxymethylpoly styrene hexafluorophosphate (preparation given) was added followed by stirring for 12 h at 55° to give a resin product which was irradiated with phenanthroline in pyridine/H2O followed by treatment with CF3CO2H in CH2Cl2 to give 1-[2-(2-trifluoromethylphenylthio)phenyl]piperazine.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:725463 CAPLUS
DN 133:296374
TI Preparation of pyrrolidine modulators of chemokine receptor activity
IN Chapman, Kevin; Hale, Jeffrey; Kim, Dooseop; Lynch, Christopher; Shah, Shrenik; Shankaran, Kothandaraman; Shen, Dong-ming; Willoughby, Christopher; Maccoss, Malcolm; Mills, Sander G.; Loebach, Jennifer L.; Guthikonda, Ravindra N.
PA Merck & Co., Inc., USA; et al.
SO PCT Int. Appl., 455 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059502	A1	20001012	WO 2000-US8996	20000405

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CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6248755	B1	20010619	US 2000-542617	20000404
CA 2373717	A1	20001012	CA 2000-2373717	20000405
EP 1171122	A1	20020116	EP 2000-921700	20000405
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002541103	T	20021203	JP 2000-609066	20000405
AU 767179	B2	20031106	AU 2000-41979	20000405
PRAI US 1999-128033P	P	19990406		
WO 2000-US8996	W	20000405		

OS MARPAT 133:296574
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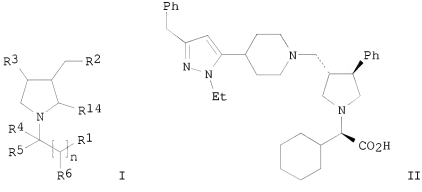


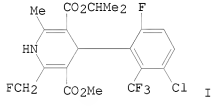
I II

AB The title compds. [I; R1 = CO2H, NO2, tetrazolyl, etc.; R2 = (un)substituted piperidino, 1,2,3,6-tetrahydropyridin-1-yl; piperazino; R3 = (un)substituted Ph, naphthyl, heterocyclyl; R4 = (un)substituted alkyl, cycloalkyl, alkylcycloalkyl, etc.; R5 = H, (un)substituted alkyl; R4 and R5 may be joined together to form (un)substituted cycloalkyl; R6 = H, (un)substituted alkyl; R14 = H, alkyl; n = 0-3] and their pharmaceutically acceptable salts, modulators of chemokine receptor activity, in particular, modulators of the chemokine receptors CCR-5 and/or CCR-3, and therefore useful in treating AIDS, were prepared E.g., a multi-step synthesis of II.CF3CO2H was given. The compds. I had activity in binding to CCR-5 or the CCR-3 receptor, generally with an IC50 of < 1 μM.
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:836619 CAPLUS
DN 124:86950
OREF 124:16343a,16346a
TI 2H-Benzimidazoles (isobenzimidazoles). Part 10. Synthesis of polysubstituted o-phenylenediamines and their conversion into heterocycles, particularly 2-substituted benzimidazoles with known or potential anthelmintic activity
AU Hazelton, Justine C.; Iddon, Brian; Suschitzky, Hans; Wolley, Ley H.
CS Science Res. Inst., Univ. Salford, Salford, M5 4WT, UK

SO Tetrahedron (1995), 51(39), 10771-94
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier
DT Journal
LA English
OS CASREACT 124:86950
AB Polysubstituted o-phenylenediamines were synthesized in moderate to high yield by reductive cleavage of the corresponding 2H-benzimidazole-2-spirocyclohexane with sodium dithionite in aqueous ethanol and converted into Me benzimidazole-2-carbamates and 2-methylthio- and 2-trifluoromethylbenzimidazoles with known or potential anthelmintic activity. 5-[(2-Pyrimidinyl)thio]benzimidazole and 11-[(2-pyridineyl)thio]dibenzo[a,c]phenazine were synthesized too. The oxidation of 1,3-dihydro-4(propylthio)spiro[2H-benzimidazole-2,1'-cyclohexane] gave albenzazole. Attempts to oxidize 1,3-dihydro-2H-4,9-diazanaphth[2,3-d]imidazole, prepared by condensation of 2,3-diaminoquinoxaline with cyclohexanone, to an analog of the title system failed.

L9 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1988:630744 CAPLUS
DN 109:230744
OREF 109:38157a,38160a
TI A novel, base-induced fragmentation of Hantzsch-type 4-aryl-1,4-dihydropyridines
AU McInally, Thomas; Tinker, Alan C.
CS Dep. Med. Chem., Fisons plc, Res. Dev. Lab., Loughborough/Leicestershire, LE11 0RH, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1988), (7), 1837-44
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
OS CASREACT 109:230744
GI



I

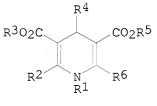
AB Hantzsch-type 1,4-dihydropyridine derivs., e.g., I, substituted with highly electron-deficient aryl groups in the 4-position, on treatment with a variety of basic reagents in non-hydroxylic solvents, undergo an unexpected and ready scission of the inter-ring bond to give the corresponding 4-unsubstituted pyridine and an arene derived from the original 4-substituent. The scope of the reaction has been investigated and possible mechanisms are discussed.

L9 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1986:514914 CAPLUS
DN 105:114914
OREF 105:18599a,18602a
TI Dihydropyridines, intermediates for their production, and pharmaceutical formulations containing them
IN Baxter, Andrew John Gilby; Dixon, John; Gould, Kenneth John; Tinker, Alan

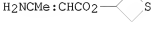
Charles
PA Fisons PLC, UK
SO Eur. Pat. Appl., 115 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 174131	A2	19860312	EP 1985-305930	19850821
	EP 174131	A3	19890607		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AU 8546827	A	19860306	AU 1985-46827	19850828
	DK 8503926	A	19860302	DK 1985-3926	19850829
	FI 8503304	A	19860302	FI 1985-3304	19850829
	ZA 8506626	A	19860528	ZA 1985-6626	19850829
	NO 8503430	A	19860303	NO 1985-3430	19850830
	JP 61065867	A	19860404	JP 1985-189998	19850830
	DD 238383	A5	19860820	DD 1985-280182	19850830
	HU 40079	A2	19861128	HU 1985-3307	19850830
	ES 546596	A1	19871101	ES 1985-546596	19850830
	CN 85106878	A	19860723	CN 1985-106878	19850912
	ES 554033	A1	19880216	ES 1986-554033	19860416
PRAI	GB 1984-22139	A	19840901		
	GB 1984-26559	A	19841019		
	GB 1984-26560	A	19841019		
	GB 1984-26562	A	19841019		
	GB 1984-26563	A	19841019		
	GB 1984-26569	A	19841019		
	GB 1984-26570	A	19841019		
	GB 1984-26571	A	19841019		
	GB 1984-30296	A	19841130		
	GB 1985-7163	A	19850320		

OS MARPAT 105:114914
GI



I



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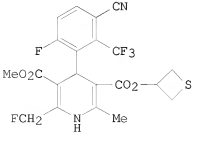


III

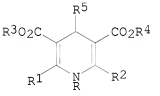
AB The title compds. I [R1 = H, alkyl; R2, R6 = cyano, CHO, pyrimidinylalkyl,

(un)substituted (oxa)alkyl; R3, R5 = (un)substituted alkyl, heterocyclylalkyl; R4 = (un)substituted Ph, heterocyclyl] were prepared as cardiovascular agents (no data). Thus, 3-thietanol and 5-acetyl-2,2-dimethyl-1,3-dioxane-4,6-dione were refluxed in C6H6 to give 3-thietanyl 3-oxobutanoate. This was condensed with AcONH4 to give eneamine II. The latter was cyclocondensed with 4,3,2-F(HCO)(F3C)C6H2CN and FCH2COCH2CO2Me to give dihydropyridine III.

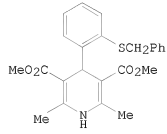
L9 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1983:612422 CAPLUS
DN 99:212422
OREF 99:32687a,32690a
TI 1,4-Dihydropyridines
IN Goldmann, Siegfried; Boeshagen, Horst; Stoltefuss, Juergen; Schramm, Matthias; Thomas, Guenter; Kazda, Stanislav
PA Bayer A.-G. , Fed. Rep. Ger.
SO Ger. Offen., 52 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3207982	A1	19830908	DE 1982-3207982	19820305
	EP 88274	A1	19830914	EP 1983-101624	19830221
	EP 88274	B1	19860903		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
	AT 21894	T	19860915	AT 1983-101624	19830221
	US 4492703	A	19850108	US 1983-468819	19830222
	JP 58170755	A	19831007	JP 1983-34672	19830304
	JP 05042431	B	19930628		
	ES 520300	A1	19831201	ES 1983-520300	19830304
PRAI	DE 1982-3207982	A	19820305		
	EP 1983-101624	A	19830221		

OS CASREACT 99:212422; MARPAT 99:212422
GI



I



II

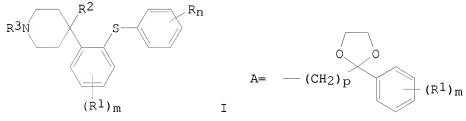
AB Coronary vasodilator (no data) dihydropyridines I [R = H, aryl, aralkyl, (un)substituted alkyl; R1, R2 = H, (un)substituted alkyl, cycloalkyl, alkenyl; R3, R4 = (un)substituted alkyl, cycloalkenyl; R5 = substituted aryl, heteroaryl] were prepared Thus, 2-PhCH2SC6H4CH:C(COMe)CO2Me was refluxed 24 h in MeOH with H2NCMe:CHCO2Me to give 25% dihydropyridinedicarboxylate II.

L9 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1980:471569 CAPLUS

DN 93:71569
OREF 93:11633a,11636a
TI Phenylthiophenylpiperidines
IN Ong, Helen H.; Profitt, James A.
PA American Hoechst Corp., USA
SO U.S., 16 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4198419	A	19800415	US 1979-2349	19790110
	DE 2952066	A1	19800724	DE 1979-2952066	19791222
	JP 55094364	A	19800717	JP 1980-2517	19800110
	FR 2446282	A1	19800808	FR 1980-461	19800110
	FR 2446282	B1	19820521		
	GB 2040936	A	19800903	GB 1980-914	19800110
	GB 2040936	B	19830615		
PRAI	US 1979-2349	A	19790110		

OS MARPAT 93:71569
GI



I

AB (Phenylthiophenyl)piperidines I [R, R1 (same or different) = H, Cl, F, Br, OMe, SMe, CF3; n, m (same or different) = 1, 2; R2 = cyano, CO2H, COCl, COF, COBr, alkanoyl, alkoxycarbonyl; R3 = H, alkyl, alkenyl, alkynyl, cycloalkylalkyl, phenylalkyl, alkanoyl, CONH2, CO2Ph, benzoylalkyl, cyano, A (p = 1-4; m and R1 same as above), tetrahydrofurylmethyl], useful as analgesics, antidepressants, and anticonvulsants, (no data), were prepared Thus, reaction of 2-(4-ClC6H4S)C6H4CH2CN with (ClCH2CH2)2NMe in Me2SO containing NaH at 70-80° for 80 min gave I (n = 1, R = 2-Cl, m = 1, R1 = H, R2 = cyano, R3 = Me).